

## Physical Properties of the Soils

### Greene County, Alabama

NOTE: Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
AfB:														
Angie-----	0-10	---	---	4-14	1.35-1.65	0.57-5.95	0.10-0.15	0.0-2.9	0.5-3.0	.32	.32	5	3	86
	10-65	---	---	35-60	1.20-1.60	0.06-0.20	0.16-0.22	6.0-8.9	0.0-0.5	.32	.32			
AfC2:														
Angie-----	0-10	---	---	4-14	1.35-1.65	0.57-5.95	0.10-0.15	0.0-2.9	0.5-3.0	.32	.32	5	3	86
	10-65	---	---	35-60	1.20-1.60	0.06-0.20	0.16-0.22	6.0-8.9	0.0-0.5	.32	.32			
AgA:														
Angie-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
AgB:														
Angie-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
AnD3:														
Angie-----	0-10	---	---	4-14	1.35-1.65	0.57-5.95	0.10-0.15	0.0-2.9	0.5-3.0	.32	.32	5	3	86
	10-65	---	---	35-60	1.20-1.60	0.06-0.20	0.16-0.22	6.0-8.9	0.0-0.5	.32	.32			
AS:														
Angie-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
Leaf-----	0-9	---	---	12-25	1.30-1.50	0.06-0.20	0.20-0.22	0.0-2.9	1.0-3.0	.32	.32	4	---	---
	9-72	---	---	35-60	1.50-1.60	0.00-0.06	0.18-0.21	6.0-8.9	---	.32	.32			

## Physical Properties of the Soils, cont.

## Greene County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Bb:														
Bibb-----	0-12	---	---	2-18	1.40-1.65	0.57-1.98	0.15-0.20	0.0-2.9	1.0-3.0	.28	.28	5	5	56
	12-60	---	---	2-18	1.45-1.75	0.57-1.98	0.10-0.20	0.0-2.9	0.5-1.0	.37	.37			
BcC:														
Binnsville-----	0-8	---	---	30-45	1.30-1.50	0.06-0.20	0.15-0.18	3.0-5.9	1.0-4.0	.37	.37	2	---	---
	8-12	---	---	35-50	1.30-1.50	0.06-0.20	0.12-0.16	3.0-5.9	---	.37	.37			
	12-48	---	---	0-0	---	0.00-0.00	---	---	---	---	---			
BeC3:														
Boswell-----	0-5	---	---	7-27	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	1.0-4.0	.43	.43	5	---	---
	5-70	---	---	38-60	1.30-1.60	0.00-0.06	0.14-0.18	6.0-8.9	---	.32	.32			
BoB2:														
Boswell-----	0-5	---	---	5-20	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	1.0-4.0	.28	.28	5	---	---
	5-70	---	---	38-60	1.30-1.60	0.00-0.06	0.14-0.18	6.0-8.9	---	.32	.32			
BoC2:														
Boswell-----	0-5	---	---	5-20	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	1.0-4.0	.28	.28	5	---	---
	5-70	---	---	38-60	1.30-1.60	0.00-0.06	0.14-0.18	6.0-8.9	---	.32	.32			
CaB:														
Cahaba-----	0-9	---	---	7-17	1.35-1.60	1.98-5.95	0.10-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	9-53	---	---	18-35	1.35-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	53-80	---	---	4-20	1.40-1.70	1.98-19.98	0.05-0.10	0.0-2.9	---	.24	.24			
Cc:														
Catalpa-----	0-6	---	---	20-40	1.45-1.65	0.20-0.57	0.19-0.22	3.0-5.9	2.0-4.0	.28	.28	5	---	---
	6-60	---	---	35-50	1.45-1.60	0.06-0.20	0.18-0.20	6.0-8.9	---	.28	.28			
Ch:														
Chastain-----	0-5	---	---	27-50	1.20-1.40	0.06-0.20	0.12-0.16	3.0-5.9	1.0-6.0	.28	.28	4	4	86
	5-52	---	---	35-60	1.30-1.50	0.06-0.20	0.12-0.16	3.0-5.9	1.0-3.0	.37	.37			
	52-72	---	---	2-10	1.50-1.70	5.95-19.98	0.03-0.06	0.0-2.9	1.0-3.0	.10	.10			
DuA:														
Dulac-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.14-0.20	0.0-2.9	0.5-1.0	.37	.37	5	5	56
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
Eu:														
Eutaw-----	0-9	---	---	40-50	1.40-1.50	0.06-0.20	0.16-0.19	6.0-8.9	1.0-3.0	.32	.32	5	---	---
	9-58	---	---	60-70	1.55-1.65	0.00-0.06	0.15-0.18	9.0-25.0	---	.28	.28			
	58-80	---	---	50-65	1.50-1.55	0.00-0.06	0.15-0.18	9.0-25.0	---	.28	.28			

## Physical Properties of the Soils, cont.

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Fa:														
Falaya-----	0-50	---	---	6-18	1.25-1.45	0.57-1.98	0.20-0.22	0.0-2.9	0.5-3.0	.49	.49	5	---	---
	50-65	---	---	6-32	1.25-1.50	0.06-1.98	0.14-0.22	0.0-2.9	---	.43	.43			
Fo:														
Forestdale-----	0-6	---	---	10-25	1.50-1.55	0.20-0.57	0.20-0.22	0.0-2.9	---	.43	.43	5	---	---
	6-26	---	---	35-60	1.50-1.60	0.00-0.06	0.14-0.18	6.0-8.9	---	.28	.28			
	26-60	---	---	10-35	1.45-1.55	0.20-0.57	0.17-0.22	3.0-5.9	---	.37	.37			
Ga:														
Garner-----	0-6	---	---	40-60	1.20-1.50	0.06-0.20	0.14-0.20	6.0-8.9	2.0-7.0	.32	.32	5	4	86
	6-64	---	---	40-60	1.00-1.30	0.00-0.06	0.14-0.18	6.0-8.9	---	.32	.32			
	64-75	---	---	45-70	1.00-1.30	0.00-0.06	0.12-0.18	6.0-8.9	---	.32	.32			
Gu:														
Gullied Land-----	0-6	---	---	17-35	1.35-1.60	0.20-0.57	0.10-0.17	3.0-5.9	1.0-2.0	.37	.37	2	4L	86
	6-13	---	---	20-35	1.40-1.65	0.20-0.57	0.03-0.06	0.0-2.9	0.5-2.0	.32	.32			
	13-65	---	---	---	---	0.00-0.00	---	---	---	---	---			
KlA:														
Kipling-----	0-3	---	---	16-29	1.30-1.48	0.06-0.20	0.20-0.22	0.0-2.9	0.5-2.0	.32	.32	5	---	---
	3-62	---	---	36-60	1.37-1.41	0.06-0.20	0.20-0.22	6.0-8.9	---	.32	.32			
	62-72	---	---	40-60	1.57-1.60	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
KlB2:														
Kipling-----	0-3	---	---	16-29	1.30-1.48	0.06-0.20	0.20-0.22	0.0-2.9	0.5-2.0	.32	.32	5	---	---
	3-62	---	---	36-60	1.37-1.41	0.06-0.20	0.20-0.22	6.0-8.9	---	.32	.32			
	62-72	---	---	40-60	1.57-1.60	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
KlC2:														
Kipling-----	0-3	---	---	16-29	1.30-1.48	0.06-0.20	0.20-0.22	0.0-2.9	0.5-2.0	.32	.32	5	---	---
	3-62	---	---	36-60	1.37-1.41	0.06-0.20	0.20-0.22	6.0-8.9	---	.32	.32			
	62-72	---	---	40-60	1.57-1.60	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
KlD2:														
Kipling-----	0-3	---	---	16-29	1.30-1.48	0.06-0.20	0.20-0.22	0.0-2.9	0.5-2.0	.32	.32	5	---	---
	3-62	---	---	36-60	1.37-1.41	0.06-0.20	0.20-0.22	6.0-8.9	---	.32	.32			
	62-72	---	---	40-60	1.57-1.60	0.00-0.06	0.18-0.20	9.0-25.0	---	.32	.32			
LaB:														
Lakeland-----	0-17	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.10	0.0-2.9	0.5-2.0	.10	.10	5	---	---
	17-80	---	---	1-10	1.40-1.50	5.95-19.98	0.05-0.08	0.0-2.9	---	.17	.17			
Le:														
Leaf-----	0-9	---	---	12-25	1.30-1.50	0.06-0.20	0.20-0.22	0.0-2.9	1.0-3.0	.32	.32	4	---	---
	9-72	---	---	35-60	1.50-1.60	0.00-0.06	0.18-0.21	6.0-8.9	---	.32	.32			

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
LF:														
Angie-----	0-9	---	---	10-20	1.30-1.55	0.57-1.98	0.12-0.16	0.0-2.9	0.5-1.0	.28	.28	5	3	86
	9-16	---	---	35-50	1.30-1.45	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	16-37	---	---	35-60	1.25-1.40	0.06-0.20	0.14-0.18	3.0-5.9	---	.37	.37			
	37-49	---	---	20-35	1.30-1.60	0.20-0.57	0.14-0.18	0.0-2.9	---	.37	.37			
	49-90	---	---	5-25	1.40-1.60	0.20-1.98	0.14-0.18	0.0-2.9	---	.32	.32			
Leaf-----	0-9	---	---	12-25	1.30-1.50	0.06-0.20	0.20-0.22	0.0-2.9	1.0-3.0	.32	.32	4	---	---
	9-72	---	---	35-60	1.50-1.60	0.00-0.06	0.18-0.21	6.0-8.9	---	.32	.32			
Lp:														
Leeper-----	0-8	---	---	40-50	1.45-1.65	0.06-0.20	0.18-0.22	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	8-50	---	---	35-50	1.40-1.60	0.00-0.06	0.18-0.20	6.0-8.9	---	.32	.32			
MaD3:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			
McA:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			
McB2:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			
McC2:														
Macon-----	0-9	---	---	7-20	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	9-24	---	---	18-35	1.40-1.60	0.20-0.57	0.12-0.17	3.0-5.9	---	.28	.28			
	24-75	---	---	25-50	1.20-1.40	0.06-0.20	0.11-0.16	3.0-5.9	---	.24	.24			
MgA:														
Magnolia-----	0-5	---	---	5-20	1.40-1.65	5.95-19.98	0.06-0.09	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-11	---	---	20-36	1.35-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.37	.37			
	11-72	---	---	35-55	1.25-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
MgB2:														
Magnolia-----	0-5	---	---	5-20	1.40-1.65	5.95-19.98	0.06-0.09	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-11	---	---	20-36	1.35-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.37	.37			
	11-72	---	---	35-55	1.25-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
MgC2: Magnolia-----	0-5	---	---	5-20	1.40-1.65	5.95-19.98	0.06-0.09	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-11	---	---	20-36	1.35-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.37	.37			
	11-72	---	---	35-55	1.25-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
MgD2: Magnolia-----	0-5	---	---	5-20	1.40-1.65	5.95-19.98	0.06-0.09	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-11	---	---	20-36	1.35-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.37	.37			
	11-72	---	---	35-55	1.25-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
MnC3: Magnolia-----	0-5	---	---	20-28	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	0.5-1.0	.32	.32	5	5	56
	5-11	---	---	20-36	1.35-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.37	.37			
	11-72	---	---	35-55	1.25-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
Mr: Marietta-----	0-10	---	---	5-20	1.45-1.55	0.57-1.98	0.18-0.22	0.0-2.9	2.0-4.0	.28	.28	5	---	---
	10-46	---	---	18-30	1.40-1.55	0.57-1.98	0.14-0.20	0.0-2.9	---	.28	.28			
	46-62	---	---	12-45	1.40-1.55	0.57-1.98	0.14-0.20	3.0-5.9	---	.28	.28			
Leeper-----	0-8	---	---	40-50	1.45-1.65	0.06-0.20	0.18-0.22	6.0-8.9	1.0-4.0	.32	.32	5	---	---
	8-50	---	---	35-50	1.40-1.60	0.00-0.06	0.18-0.20	6.0-8.9	---	.32	.32			
Ms: Mashulaville-----	0-26	---	---	8-18	1.40-1.55	0.57-1.98	0.12-0.15	0.0-2.9	1.0-3.0	.24	.24	4	---	---
	26-62	---	---	8-18	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	---	.32	.32			
	26-62	---	---	8-35	1.65-1.80	0.06-0.20	0.08-0.10	0.0-2.9	---	.28	---			
My: Myatt-----	0-10	---	---	7-20	1.30-1.60	0.57-1.98	0.11-0.20	0.0-2.9	0.5-4.0	.28	.28	5	3	86
	10-50	---	---	18-35	1.30-1.50	0.20-1.98	0.12-0.20	0.0-2.9	---	.28	.28			
	50-72	---	---	7-30	1.30-1.50	0.20-1.98	0.10-0.20	0.0-2.9	---	.24	.32			
Oc: Ochlockonee-----	0-6	---	---	3-18	1.40-1.60	1.98-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	6-44	---	---	8-18	1.40-1.60	0.57-1.98	0.10-0.20	0.0-2.9	0.5-1.0	.20	.20			
	44-72	---	---	3-18	1.40-1.70	1.98-5.95	0.06-0.12	0.0-2.9	0.5-1.0	.17	.17			
Oe: Ochlockonee-----	0-6	---	---	3-18	1.40-1.60	1.98-5.95	0.07-0.14	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	6-44	---	---	8-18	1.40-1.60	0.57-1.98	0.10-0.20	0.0-2.9	0.5-1.0	.20	.20			
	44-72	---	---	3-18	1.40-1.70	1.98-5.95	0.06-0.12	0.0-2.9	0.5-1.0	.17	.17			
OhB2: Oktibbeha-----	0-4	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	3.0-5.9	3.0-7.0	.32	.32	5	4	86
	4-41	---	---	60-77	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-65	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			

## Physical Properties of the Soils, cont.

## Greene County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
OkB2:														
Oktibbeha-----	0-4	---	---	15-27	1.20-1.50	0.57-1.98	0.15-0.22	0.0-2.9	3.0-6.0	.37	.37	5	6	48
	4-41	---	---	60-80	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-70	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
OoC2:														
Oktibbeha-----	0-4	---	---	27-40	1.20-1.50	0.06-1.98	0.13-0.17	3.0-5.9	3.0-6.0	.32	.32	5	6	48
	4-41	---	---	60-80	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-70	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
OoD2:														
Oktibbeha-----	0-4	---	---	27-40	1.20-1.50	0.06-1.98	0.13-0.17	3.0-5.9	3.0-6.0	.32	.32	5	6	48
	4-41	---	---	60-80	1.00-1.30	0.00-0.06	0.12-0.16	6.0-8.9	---	.32	.32			
	41-70	---	---	50-70	1.10-1.40	0.00-0.06	0.05-0.10	6.0-8.9	---	.32	.32			
OrA:														
Ora-----	0-7	---	---	10-18	1.45-1.55	1.98-5.95	0.10-0.13	0.0-2.9	1.0-3.0	.28	.28	4	---	---
	7-26	---	---	18-33	1.45-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
	26-56	---	---	18-33	1.70-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.32	.32			
	56-70	---	---	10-35	1.65-1.75	0.57-1.98	0.10-0.15	0.0-2.9	---	.37	.37			
OrB2:														
Ora-----	0-7	---	---	10-18	1.45-1.55	1.98-5.95	0.10-0.13	0.0-2.9	1.0-3.0	.28	.28	4	---	---
	7-26	---	---	18-33	1.45-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
	26-56	---	---	18-33	1.70-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.32	.32			
	56-70	---	---	10-35	1.65-1.75	0.57-1.98	0.10-0.15	0.0-2.9	---	.37	.37			
OrC2:														
Ora-----	0-7	---	---	10-18	1.45-1.55	1.98-5.95	0.10-0.13	0.0-2.9	1.0-3.0	.28	.28	4	---	---
	7-26	---	---	18-33	1.45-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			
	26-56	---	---	18-33	1.70-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.32	.32			
	56-70	---	---	10-35	1.65-1.75	0.57-1.98	0.10-0.15	0.0-2.9	---	.37	.37			
RfB:														
Rumford-----	0-17	---	---	6-15	1.25-1.45	1.98-5.95	0.08-0.14	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	17-37	---	---	8-18	1.25-1.45	1.98-5.95	0.10-0.15	0.0-2.9	0.0-0.5	.17	.17			
	37-60	---	---	2-18	1.25-1.50	1.98-19.98	0.04-0.10	0.0-2.9	0.0-0.5	.17	.20			
RoE:														
Ruston-----	0-11	---	---	2-15	1.40-1.50	1.98-5.95	0.14-0.16	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	11-38	---	---	18-33	1.40-1.55	0.57-1.98	0.15-0.17	0.0-2.9	---	.24	.24			
	38-80	---	---	12-27	1.40-1.55	1.98-5.95	0.14-0.16	0.0-2.9	---	.28	.28			
RsA:														
Ruston-----	0-14	---	---	7-22	1.30-1.60	0.57-5.95	0.08-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	14-41	---	---	18-32	1.40-1.55	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
	41-74	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			

## Physical Properties of the Soils, cont.

## Greene County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
RsB:														
Ruston-----	0-14	---	---	7-22	1.30-1.60	0.57-5.95	0.08-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	14-41	---	---	18-32	1.40-1.55	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
	41-74	---	---	20-35	1.40-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.32	.32			
RSC2:														
Ruston-----	0-11	---	---	2-15	1.40-1.50	1.98-5.95	0.14-0.16	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	11-38	---	---	18-33	1.40-1.55	0.57-1.98	0.15-0.17	0.0-2.9	---	.24	.24			
	38-80	---	---	12-27	1.40-1.55	1.98-5.95	0.14-0.16	0.0-2.9	---	.28	.28			
RsD2:														
Ruston-----	0-11	---	---	2-15	1.40-1.50	1.98-5.95	0.14-0.16	0.0-2.9	0.5-2.0	.28	.28	5	---	---
	11-38	---	---	18-33	1.40-1.55	0.57-1.98	0.15-0.17	0.0-2.9	---	.24	.24			
	38-80	---	---	12-27	1.40-1.55	1.98-5.95	0.14-0.16	0.0-2.9	---	.28	.28			
RuB:														
Ruston-----	0-14	---	---	0-15	1.45-1.65	1.98-5.95	0.10-0.15	0.0-2.9	0.5-2.0	.20	.20	5	3	86
	14-32	---	---	18-35	1.40-1.60	0.57-1.98	0.12-0.16	0.0-2.9	---	.24	.24			
	32-60	---	---	2-10	1.60-1.75	5.95-19.98	0.03-0.06	0.0-2.9	---	.10	.10			
SaA:														
Savannah-----	0-11	---	---	3-16	1.50-1.60	0.57-1.98	0.13-0.16	0.0-2.9	0.5-3.0	.24	.24	4	3	86
	11-28	---	---	18-32	1.45-1.65	0.57-1.98	0.11-0.17	0.0-2.9	---	.28	.28			
	28-68	---	---	18-32	1.60-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.24	.24			
SaB:														
Savannah-----	0-11	---	---	3-16	1.50-1.60	0.57-1.98	0.13-0.16	0.0-2.9	0.5-3.0	.24	.24	4	3	86
	11-28	---	---	18-32	1.45-1.65	0.57-1.98	0.11-0.17	0.0-2.9	---	.28	.28			
	28-68	---	---	18-32	1.60-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.24	.24			
SaC2:														
Savannah-----	0-11	---	---	3-16	1.50-1.60	0.57-1.98	0.13-0.16	0.0-2.9	0.5-3.0	.24	.24	4	3	86
	11-28	---	---	18-32	1.45-1.65	0.57-1.98	0.11-0.17	0.0-2.9	---	.28	.28			
	28-68	---	---	18-32	1.60-1.80	0.20-0.57	0.05-0.10	0.0-2.9	---	.24	.24			
SeA:														
Sawyer-----	0-5	---	---	10-20	1.40-1.60	1.98-5.95	0.16-0.22	0.0-2.9	0.5-2.0	.37	.37	5	5	56
	5-29	---	---	18-30	1.40-1.60	0.57-1.98	0.12-0.20	0.0-2.9	---	.32	.32			
	29-80	---	---	35-55	1.30-1.60	0.06-0.20	0.16-0.20	3.0-5.9	---	.32	.32			
SfA:														
Sequatchie-----	0-12	---	---	10-25	1.50-1.65	0.57-1.98	0.12-0.18	0.0-2.9	1.0-3.0	.32	.32	5	---	---
	12-46	---	---	18-30	1.55-1.70	0.57-1.98	0.15-0.20	0.0-2.9	0.0-0.5	.24	.28			
	46-72	---	---	12-25	1.55-1.70	0.57-5.95	0.09-0.14	0.0-2.9	0.0-0.5	.24	.24			

## Physical Properties of the Soils, cont.

## Greene County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
SgC3:														
Shubuta-----	0-8	---	---	2-15	1.40-1.65	0.57-1.98	0.14-0.19	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	8-52	---	---	35-55	1.40-1.65	0.20-0.57	0.05-0.15	3.0-5.9	---	.28	.28			
	52-70	---	---	27-55	1.40-1.70	0.20-0.57	0.05-0.14	3.0-5.9	---	.28	.28			
ShA:														
Shubuta-----	0-8	---	---	2-15	1.40-1.65	0.57-1.98	0.14-0.19	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	8-52	---	---	35-55	1.40-1.65	0.20-0.57	0.05-0.15	3.0-5.9	---	.28	.28			
	52-70	---	---	27-55	1.40-1.70	0.20-0.57	0.05-0.14	3.0-5.9	---	.28	.28			
ShB2:														
Shubuta-----	0-8	---	---	2-15	1.40-1.65	0.57-1.98	0.14-0.19	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	8-52	---	---	35-55	1.40-1.65	0.20-0.57	0.05-0.15	3.0-5.9	---	.28	.28			
	52-70	---	---	27-55	1.40-1.70	0.20-0.57	0.05-0.14	3.0-5.9	---	.28	.28			
ShC2:														
Shubuta-----	0-8	---	---	2-15	1.40-1.65	0.57-1.98	0.14-0.19	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	8-52	---	---	35-55	1.40-1.65	0.20-0.57	0.05-0.15	3.0-5.9	---	.28	.28			
	52-70	---	---	27-55	1.40-1.70	0.20-0.57	0.05-0.14	3.0-5.9	---	.28	.28			
SmD2:														
Shubuta-----	0-8	---	---	2-15	1.40-1.65	0.57-1.98	0.14-0.19	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	8-52	---	---	35-55	1.40-1.65	0.20-0.57	0.05-0.15	3.0-5.9	---	.28	.28			
	52-70	---	---	27-55	1.40-1.70	0.20-0.57	0.05-0.14	3.0-5.9	---	.28	.28			
Boswell-----	0-5	---	---	5-20	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	1.0-4.0	.28	.28	5	---	---
	5-70	---	---	38-60	1.30-1.60	0.00-0.06	0.14-0.18	6.0-8.9	---	.32	.32			
SmD3:														
Shubuta-----	0-8	---	---	2-15	1.40-1.65	0.57-1.98	0.14-0.19	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	8-52	---	---	35-55	1.40-1.65	0.20-0.57	0.05-0.15	3.0-5.9	---	.28	.28			
	52-70	---	---	27-55	1.40-1.70	0.20-0.57	0.05-0.14	3.0-5.9	---	.28	.28			
Boswell-----	0-5	---	---	5-20	1.40-1.55	0.57-1.98	0.15-0.20	0.0-2.9	1.0-4.0	.28	.28	5	---	---
	5-70	---	---	38-60	1.30-1.60	0.00-0.06	0.14-0.18	6.0-8.9	---	.32	.32			
SNE:														
Shubuta-----	0-10	---	---	5-20	1.30-1.50	0.57-1.98	0.09-0.12	0.0-2.9	1.0-3.0	.28	.28	5	3	86
	10-44	---	---	2-25	1.40-1.60	0.57-1.98	0.07-0.17	0.0-2.9	0.5-2.0	.28	.37			
	44-72	---	---	35-60	1.25-1.40	0.06-0.20	0.15-0.18	6.0-8.9	0.5-1.0	.32	.32			
Magnolia-----	0-5	---	---	5-20	1.40-1.65	5.95-19.98	0.06-0.09	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	5-11	---	---	20-36	1.35-1.60	0.57-1.98	0.12-0.15	0.0-2.9	---	.37	.37			
	11-72	---	---	35-55	1.25-1.60	0.57-1.98	0.12-0.18	0.0-2.9	---	.37	.37			



## Physical Properties of the Soils, cont.

## Greene County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
St:														
Stough-----	0-20	---	---	5-15	1.40-1.55	0.57-1.98	0.12-0.18	0.0-2.9	1.0-4.0	.28	.28	3	---	---
	20-26	---	---	8-18	1.45-1.50	0.20-0.57	0.07-0.11	0.0-2.9	---	.37	---			
	26-68	---	---	5-27	1.55-1.65	0.20-0.57	0.07-0.11	0.0-2.9	---	.37	---			
SuB2:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
SuC2:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
SuD2:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
SwB2:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
Watsonia-----	0-3	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	6.0-8.9	2.0-5.0	.32	.32	2	4	86
	3-12	---	---	40-60	1.00-1.40	0.00-0.06	0.12-0.16	6.0-8.9	0.5-2.0	.32	.32			
	12-16	---	---	40-60	1.00-1.40	0.00-0.06	0.12-0.16	6.0-8.9	0.5-1.0	.37	.37			
	16-30	---	---	---	---	0.00-0.00	---	---	---	---	---			
SwE2:														
Sumter-----	0-10	---	---	32-50	1.30-1.60	0.06-1.98	0.12-0.17	6.0-8.9	2.0-5.0	.37	.37	2	4	86
	10-21	---	---	35-57	1.15-1.55	0.06-1.98	0.12-0.17	6.0-8.9	1.0-2.0	.37	.37			
	21-28	---	---	35-57	1.15-1.50	0.06-1.98	0.11-0.16	3.0-5.9	0.0-0.5	.32	.37			
	28-60	---	---	---	---	0.00-0.00	---	---	---	---	---			
Watsonia-----	0-3	---	---	40-60	1.10-1.40	0.00-0.06	0.12-0.16	6.0-8.9	2.0-5.0	.32	.32	2	4	86
	3-12	---	---	40-60	1.00-1.40	0.00-0.06	0.12-0.16	6.0-8.9	0.5-2.0	.32	.32			
	12-16	---	---	40-60	1.00-1.40	0.00-0.06	0.12-0.16	6.0-8.9	0.5-1.0	.37	.37			
	16-30	---	---	---	---	0.00-0.00	---	---	---	---	---			

## Physical Properties of the Soils, cont.

## Greene County, Alabama

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Tr:														
Trinity-----	0-6	---	---	20-40	1.45-1.65	0.20-0.57	0.19-0.22	3.0-5.9	2.0-4.0	.28	.28	5	---	---
	6-60	---	---	35-50	1.45-1.60	0.06-0.20	0.18-0.20	6.0-8.9	---	.28	.28			
TuE:														
Troup-----	0-53	---	---	2-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	53-80	---	---	15-35	1.40-1.60	0.57-1.98	0.10-0.13	0.0-2.9	---	.20	.20			
Lucy-----	0-24	---	---	1-12	1.30-1.70	5.95-19.98	0.08-0.12	0.0-2.9	0.5-1.0	.10	.10	5	2	134
	24-35	---	---	10-30	1.40-1.60	1.98-5.95	0.10-0.12	0.0-2.9	---	.24	.24			
	35-70	---	---	20-45	1.40-1.60	0.57-1.98	0.12-0.14	0.0-2.9	---	.28	.28			
VaA:														
Vaiden-----	0-4	---	---	25-55	1.10-1.40	0.06-0.20	0.10-0.15	6.0-8.9	0.5-2.0	.32	.32	5	4	86
	4-26	---	---	60-75	1.00-1.30	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
	26-80	---	---	40-75	1.10-1.40	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
VaB2:														
Vaiden-----	0-4	---	---	25-55	1.10-1.40	0.06-0.20	0.10-0.15	6.0-8.9	0.5-2.0	.32	.32	5	4	86
	4-26	---	---	60-75	1.00-1.30	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
	26-80	---	---	40-75	1.10-1.40	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
VaC2:														
Vaiden-----	0-4	---	---	25-55	1.10-1.40	0.06-0.20	0.10-0.15	6.0-8.9	0.5-2.0	.32	.32	5	4	86
	4-26	---	---	60-75	1.00-1.30	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
	26-80	---	---	40-75	1.10-1.40	0.00-0.06	0.10-0.15	9.0-25.0	---	.32	.32			
WaB:														
Wagram-----	0-22	---	---	5-15	1.30-1.70	5.95-19.98	0.05-0.11	0.0-2.9	0.5-2.0	.10	.10	5	2	134
	22-50	---	---	13-35	1.40-1.60	0.57-1.98	0.10-0.15	0.0-2.9	0.0-0.5	.20	.20			
	50-74	---	---	15-40	1.40-1.60	0.57-1.98	0.10-0.16	0.0-2.9	0.0-0.5	.20	.20			
WaC:														
Wagram-----	0-22	---	---	2-10	1.60-1.75	5.95-19.98	0.05-0.08	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	22-50	---	---	10-35	1.35-1.60	0.57-1.98	0.12-0.16	0.0-2.9	0.0-0.5	.20	.20			
	50-74	---	---	---	---	0.57-1.98	---	---	---	---	---			